

HANSON CHEMICALS

Product Name

Polyether Amine CAT-403

Composition

Polyether Amine CAT-403 is a triamine prepared by the reaction of propylene oxide (PO) with a triol initiator, followed by amination of the terminal hydroxyl groups. This unique structure imparts low vapor pressure, high reactivity, and excellent mechanical properties to final formulations.

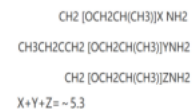
Technical Data

Appearance	Colorless to Pale Yellow Transparent Liquid
Molecular Weight (Wn)	440
Color (Pt-Co, APHA)	<=50
Amine Value (mmol/g)	6.10 - 6.80
Water Content (%)	<=0.25
CAS Number	39423-51-3

Applications

- Raw material for spray polyurea elastomer and modified polyether amines
- Corrosion inhibitor
- Adhesive for epoxy resin systems
- Gluing agent for seams and sealing materials

CHARACTERICS OF STRUCTURE



Packaging and Shipping

- 200 kg Drum with Nitrogen Blanket

Storage and Handling

Polyether Amine CAT-403 should be stored in tightly closed containers under dry nitrogen. Keep away from moisture, heat, and direct sunlight. Standard industrial hygiene practices, including gloves and eye protection, are recommended. In case of skin or eye contact, rinse immediately with plenty of water and seek medical attention if needed.